

Solvay RHODASURF® ON-877 Surfactant

Category : Fluid , Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Description: Rhodasurf® ON 877 is Ethoxylated Oleyl Alcohol. It is excellent emulsifier, wetting agent, dispersant, and detergent. Chemical Name: ETHOXYLATED OLEYL ALCOHOL. CAS: 68526-94-3. Available in: Asia Pacific, Europe, Latin America and North America. Applications: RHODASURF® ON-877 is an excellent primary nonionic surfactant, recommended especially for the emulsion polymerization of acrylic, vinyl acrylic, and styrene-acrylic polymers. Such polymers find application in latex paints, adhesives, paper coatings and textile applications. Rhodasurf ON-877 is one of a series of Rhodia nonionic surfactants with different HLBs. Since differences in HLB affect emulsification and stabilization properties, the Rhodasurf series allows the user to select the surfactant that will provide effective particle size control, low levels of coagulum, latex stability and trouble-free commercial production. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-RHODASURF-ON-877-Surfactant.php

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in ³	
Solids Content	70 %	70 %	Oven
pH	6.0 - 8.0	6.0 - 8.0	10% Solution
Surface Tension	37 dynes/cm	37 dynes/cm	

Optical Properties	Metric	English	Comments
Gardner Color Number	<= 4.0	<= 4.0	RP-0138

Processing Properties	Metric	English	Comments
Moisture Content	29 - 31 %	29 - 31 %	CME, 60% Power; RP-0528

Descriptive Properties	Value	Comments
Appearance	Pourable, Viscous Liquid	RP-0064
Cloud Point	63-69°C	1.3% in 10% Saline, RP-0119
Critical Micelle Concentration	0.00015	
Gelation Temperature	<4°C	
HLB number	15.4	
Ionic Charge	Nonionic	
Neutralization Number	<0.5 mg KOH/g	pH 7, RP-0343

Descriptive Properties	Value	Comments
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